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VIA FACSIMILE - 20 PAGES (Including This Cover)

Commissioner for Patents

MAIL STOP: Amendment

POB 1450, Alexandria, Virginia 22313-1450

TRANSMITTED TO USPTO MAIN FACSIMILE NO. 703-872-9306

RE: Hiromasa TAKAHASHI *et al.*, US Appl'n No. 10/755,285
Att'y Docket 520.39871VX1
Examiner Anh K. Phung - Group AU 2824 - USPTO Conf. No. 1632

SUBMISSION OF AMENDMENT/PTO-2038

Sir:

Applicant hereby submits the attached "SECOND SUPPLEMENTAL PRELIMINARY AMENDMENT (18 pages) and Form PTO-2038 (1 page) for entry in the above-noted application.

CERTIFICATE OF TRANSMISSION:

I hereby certify that the attached "SECOND SUPPLEMENTAL PRELIMINARY AMENDMENT" (18 pages) and Form PTO-2038 (1 page) are being FORMALLY TRANSMITTED via the USPTO Main Facsimile No. 703-872-9306 on 19 October 2004.



Patricia J. Jaquett

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520.39871VX2/NT0318US3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hiromasa TAKAHASHI *et al.*
Appl'n No. : 10/755,285
Filed : 13 January 2004
For : MAGNETORESISTIVE SENSOR INCLUDING
MAGNETIC DOMAIN CONTROL LAYERS HAVING
HIGH ELECTRIC RESISTIVITY, MAGNETIC
HEAD AND MAGNETIC DISK APPARATUS
Group AU : 2824
Examiner : Anh K. Phung
Conf. No. : 1632

SECOND SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
POB 1450
Alexandria, Virginia 22313-1450

19 October 2004

Sir:

Prior to calculating the filing fee in connection with the above-identified application, the following amendments and remarks are respectfully submitted.

In accordance with the revised format of the manner of making amendments under 37 CFR §1.121 as set forth in the Final Rule effective 30 July 2003, each section of amendment herein begins on a new page, and changes are shown by strike-through (or double brackets where appropriate) and underlining to indicate deletions and additions, respectively. A complete listing of all claims ever presented in the application is given with the current status of each claim, and only the text of all pending and withdrawn claims is presented in full, with those not being amended herein being presented in clean version.